

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A method of rendering a user interface for a device, the method comprising: ~~the steps of~~
 providing a user interface operating instruction update;
 providing a ~~plurality of actors~~ an actor attribute update, each of the ~~plurality of actors~~ the actor attribute update being associated with a user interface element and comprising one or more attributes defining ~~[[the]]~~ a respective actor;
 providing a renderer to receive one or more attributes from ~~one or more of the plurality of actors~~ actor attribute update and to receive the user interface operating instruction update; and
 rendering the user interface in accordance with the received ~~attributes~~ user interface operating instruction update and actor attribute update.
2. (Currently Amended) A method according to claim 1, wherein;
 if an actor attribute is updated, the update is received by the renderer and the user interface is updated ~~accordingly~~ immediately to reflect the actor attribute update; and
 if a user interface operating instruction is updated, the user interface operating instruction update is received by the renderer and the user interface is not updated to reflect any updated user interface operating instructions until the current content in use by the renderer is no longer displayed in the user interface.
3. (Currently Amended) A method according to claim 2, wherein the ~~[[an]]~~ actor attribute is updated in response to a user update.
4. (Original) A method according to claim 2, wherein the updating of an attribute causes the formatting of a user interface element to change.
5. (Original) A method according to claim 2, wherein the updating of an attribute causes a user interface element to move within the user interface.

6. (Currently Amended) A method according to claim 1, ~~any preceding claim~~ wherein the actor attributes comprise mark-up language and the renderer is a mark-up language renderer.

Claims 7–12 canceled.

13. (New) A non-transitory computer readable medium having stored thereon processor-executable instructions configured to cause a processor to perform operations for rendering a user interface for a device comprising:

- providing a user interface operating instruction update;
- providing an actor attribute update, the actor attribute update being associated with a user interface element and comprising one or more attributes defining a respective actor;
- providing a renderer to receive one or more attributes from actor attribute update and to receive the user interface operating instruction update; and
- rendering the user interface in accordance with the received user interface operating instruction update and actor attribute update.

14. (New) The non-transitory computer readable medium of claim 13, wherein the stored processor-executable instructions are configured to cause a processor to perform operations such that:

- if an actor attribute is updated, the update is received by the renderer and the user interface is updated immediately to reflect the actor attribute update; and
- if a user interface operating instruction updated, the user interface operating instruction update is received by the renderer and the user interface is not updated to reflect any updated user interface operating instructions until the current content in use by the renderer is no longer displayed in the user interface.

15. (New) The non-transitory computer readable medium of claim 14, wherein the stored processor-executable instructions are configured to cause a processor to perform operations such that the actor attribute is updated in response to a user update.

16. (New) The non-transitory computer readable medium of claim 14, wherein the stored processor-executable instructions are configured to cause a processor to perform operations such that the updating of an attribute causes the formatting of a user interface element to change.

17. (New) The non-transitory computer readable medium of claim 14, wherein the stored processor-executable instructions are configured to cause a processor to perform operations such that the updating of an attribute causes a user interface element to move within the user interface.

18. (New) The non-transitory computer readable medium of claim 13, wherein the actor attributes comprise mark-up language and the renderer is a mark-up language renderer.

19. (New) A device for rendering a user interface, comprising:

- means for providing a user interface operating instruction update;
- means for providing an actor attribute update, the actor attribute update being associated with a user interface element and comprising one or more attributes defining a respective actor;
- means for providing a renderer to receive one or more attributes from actor attribute update and to receive the user interface operating instruction update; and
- means for rendering the user interface in accordance with the received user interface operating instruction update and actor attribute update.

20. (New) A device according to claim 19, wherein:

- means for immediately updating the user interface to reflect the actor attribute update if an actor attribute is updated; and
- means for updating the user interface to reflect any updated user interface operating instructions once the current content in use by the renderer is no longer displayed in the user interface if a user interface operating instruction is updated.

21. (New) A device according to claim 20, wherein means for immediately updating the actor attribute comprises means for updating the actor attribute in response to a user update.

22. (New) A device according to claim 20, wherein means for immediately updating the actor attribute comprises means for changing formatting of a user interface element.

23. (New) A device according to claim 20, wherein means for immediately updating the actor attribute comprises means for moving a user interface element within the user interface.

24. (New) A device according to claim 19, wherein the actor attributes comprise mark-up language and the renderer is a mark-up language renderer.

25. (New) A device, comprising:

- a processor;

- a memory coupled to the processor; and

- a communications interface coupled to the processor;

wherein the processor is configured with processor-executable instructions to perform operations comprising:

- providing a user interface operating instruction update;

- providing an actor attribute update, the actor attribute update being associated with a user interface element and comprising one or more attributes defining a respective actor;

- providing a renderer to receive one or more attributes from actor attribute update and to receive the user interface operating instruction update; and

- rendering the user interface in accordance with the received user interface operating instruction update and actor attribute update.

26. (New) The device of claim 25, wherein the processor is configured with processor-executable instructions to perform operations such that:

- if an actor attribute is updated, the update is received by the renderer and the user interface is updated immediately to reflect the actor attribute update; and

- if a user interface operating instruction is updated, the user interface operating instruction update is received by the renderer and the user interface is not updated to reflect any updated

user interface operating instructions until the current content in use by the renderer is no longer displayed in the user interface.

27. (New) A device according to claim 26, wherein the processor is configured with processor-executable instructions to perform operations further comprising determining if the actor attribute is updated in response to a user update.

28. (New) A device according to claim 26, wherein the processor is configured with processor-executable instructions to perform operations such that if the processor determines an actor attribute is updated, the renderer causes the formatting of a user interface element to change.

29. (New) A device according to claim 26, wherein the processor is configured with processor-executable instructions to perform operations such that if the processor determines an actor attribute is updated, the renderer causes a user interface element to move within the user interface.

30. (New) A device according to claim 25, wherein the processor is configured with processor-executable instructions to perform operations such that the actor attributes comprise mark-up language and the renderer is a mark-up language renderer.